

How to replace rear brake pads of disc brake on Mercedes W245

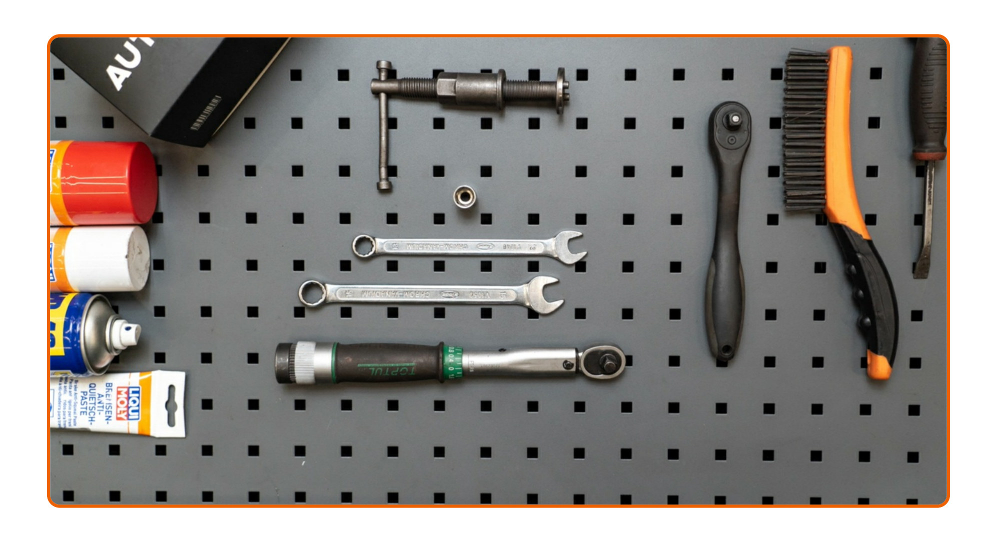
 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
MERCEDES-BENZ A-CLASS (W169) A 200 (169.033, 169.333), MERCEDES-BENZ B-CLASS (W245) B 170 NGT (245.233), MERCEDES-BENZ B-CLASS (W245) B 180 NGT (245.233), MERCEDES-BENZ B-CLASS (W245) B 200 (245.233)

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Wheel impact socket #H12
- Torque wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

AUTODOC recommends:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



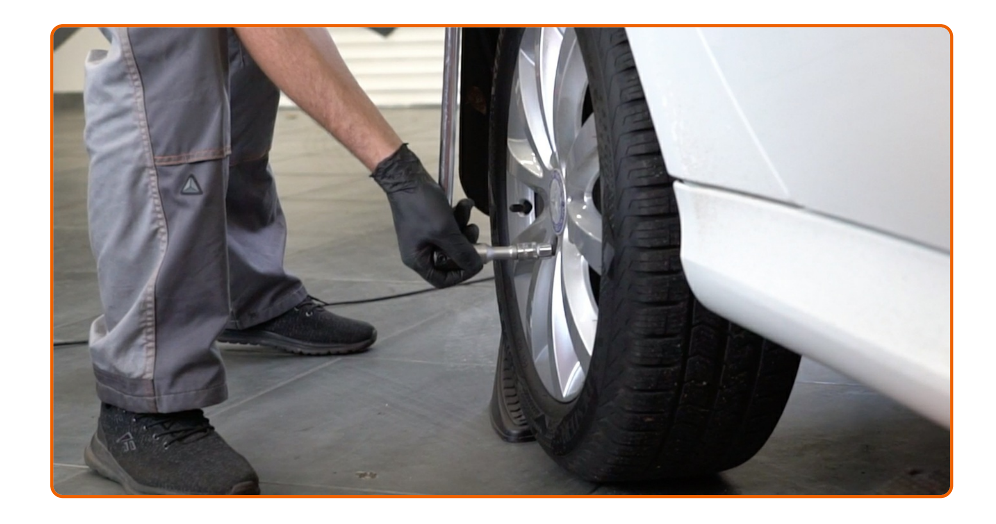
Open the bonnet. Unscrew the brake fluid reservoir cap.

2



Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #H12.

4



Raise the rear of the car and secure on supports.

5



Unscrew the wheel bolts.

AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

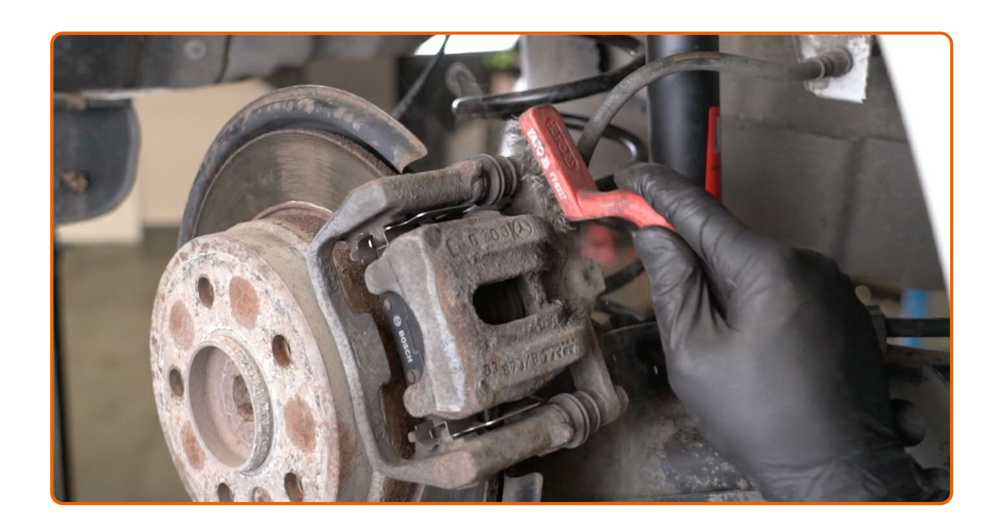


6



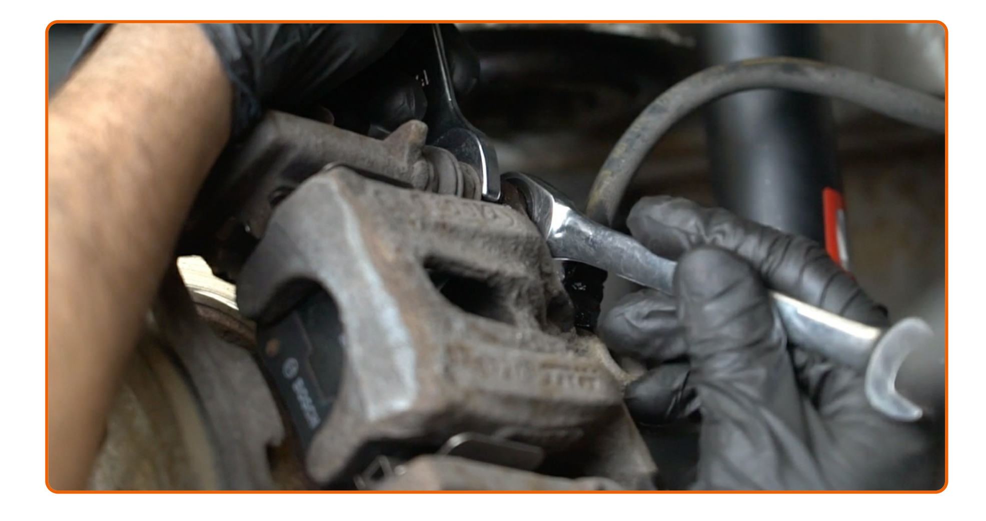
Remove the wheel.

7



Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8



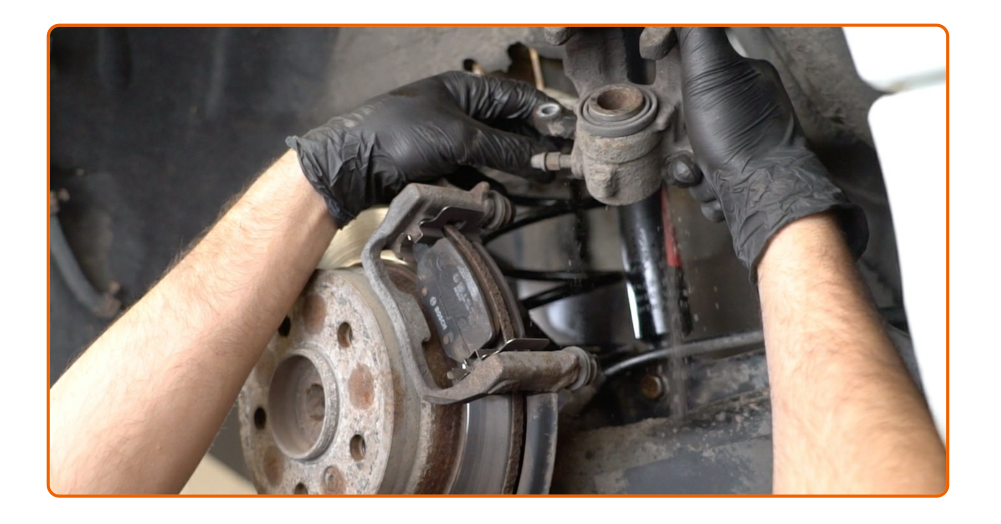
Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.

9



Spread the brake pads. Use a crowbar.

10



Remove the brake caliper.

AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11



Remove the brake pads.

AUTODOC recommends:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

12



Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

13



Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.

AUTODOC recommends:

- Make sure the disc surface is clean before installing the pads.

14



Install new brake pads.

AUTODOC recommends:

- Make sure the pads are installed with linings facing the disc.

15

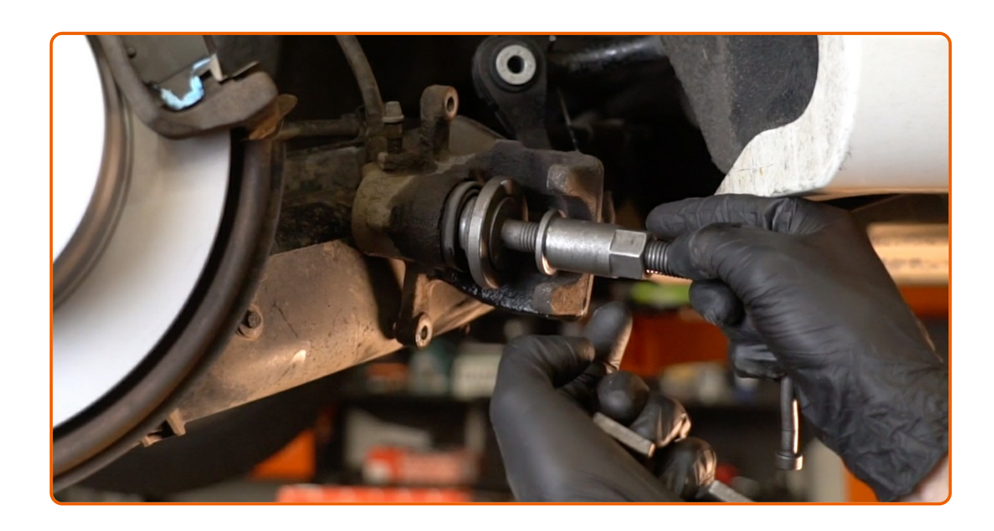


Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

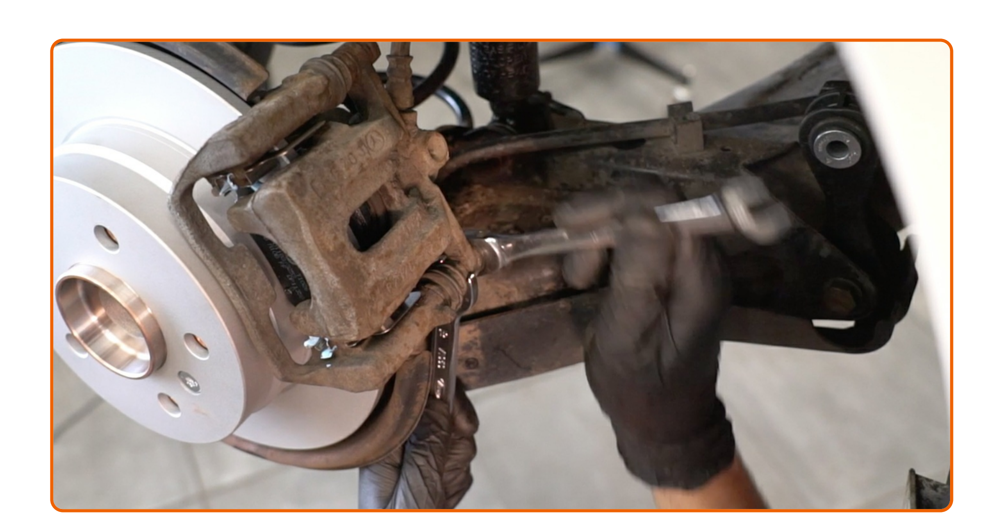
- After applying the spray, wait a few minutes.

16



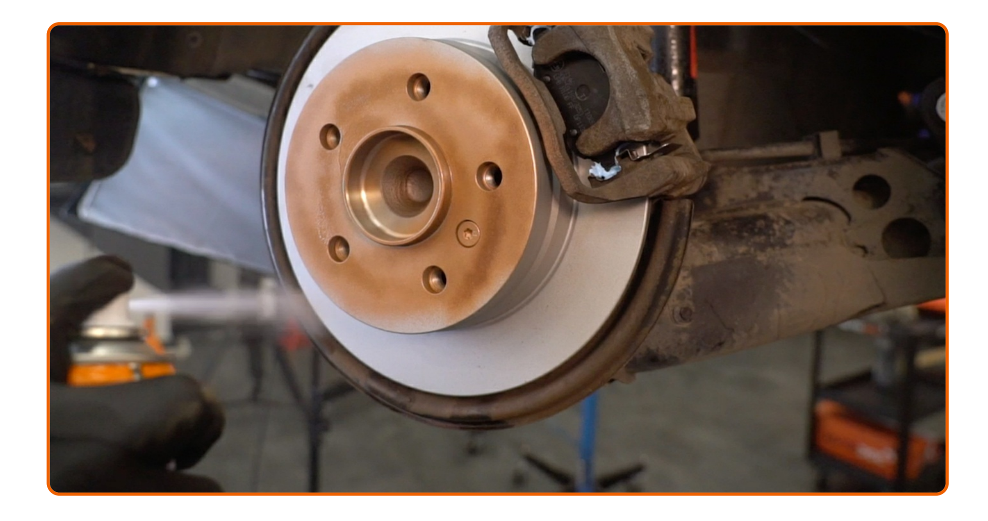
Press in the brake caliper piston. Use brake caliper wind back tool.

17



Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.

18



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

19



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

20



Install the wheel.

AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

21



Screw in the wheel bolts. Use wheel impact socket #H12.

22



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #H12. Use a torque wrench. Tighten it to 125 Nm torque.

23



Remove the jacks and chocks.

AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

24



Tighten the brake fluid reservoir cap.

AUTODOC recommends:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.



25



Close the hood.

AUTODOC recommends:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



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